



Water management in Ontario

Ontario
Water Resources
Commission

Water Resources
Bulletin 3-6
Surface water series

Selected streamflow data for Ontario

1971

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**WATER RESOURCES
BULLETIN 3-6**
Surface water series

**SELECTED
STREAMFLOW
DATA FOR
ONTARIO**

1971

**ONTARIO WATER RESOURCES COMMISSION
DIVISION OF WATER RESOURCES**

TORONTO

ONTARIO

1972

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INTRODUCTION

This bulletin contains streamflow data collected by the Hydrologic Data Branch of the Division of Water Resources during 1971.

The data are presented in two sections. The first section, under the heading "Streamflow Stations", contains data for stations operated on a year round basis and the second section, headed "Summer Gauging Sites", provides data from sites gauged during the summer period only, with the aid of seasonal employees.

Enquiries concerning the data in this bulletin should be made to the Supervisor of the Hydrologic Data Branch.

DATA QUALITY

Many of the flows were determined by direct measurement; others are values calculated from a reading of water elevation and an empirically determined stage-discharge relationship.

The following terms are used to describe the quality of the records:

Excellent: Records obtained at a site where an intensive discharge measurement program has produced a well-defined and stable stage-discharge relationship.

Good: Records obtained from a site where an intensive discharge measurement program has produced a well-defined stage-discharge relationship which is not completely stable due to minor shifting of the stream bed or other channel properties which control water levels.

Fair: Records obtained from a site where scarcity of discharge measurements has permitted only moderate definition of the stage-discharge relationship.

DATA QUALITY (continued)

Poor: Records obtained from a site where an unstable control, poor discharge measurement section or scarcity of discharge measurements has resulted in a poorly defined stage-discharge relationship.

OTHER DATA SOURCES

Data collected by the Hydrologic Data Branch on a daily basis throughout the year in Southern Ontario are not published in this bulletin. For convenience, these data are included in the Federal Government publication, "Surface Water Data - Ontario". That publication, which includes streamflow and water level data for numerous rivers and lakes in the Province, is published annually by the Water Survey of Canada, Department of the Environment. Data obtained in Northern Ontario by the Hydrologic Data Branch are published in Ontario Water Resources Commission bulletins entitled "Data for Northern Ontario Water Resources Studies".

Streamflow data collected by the River Basin Research Branch, Division of Water Resources, for Representative River Basin Studies are published with the study reports.

UNITS AND ABBREVIATIONS

cfs	Cubic foot (feet) per second. This is the unit of streamflow rate used in this bulletin.
gpm	Gallons (Imperial) per minute.
mgd	Millions of gallons (Imperial) per day.
ac-ft	An acre-foot is the volume of water required to cover an area of one acre to a depth of one foot. It is equal to 43,560 cubic feet.
N.F.	No flow. This is used to indicate either no streamflow or a flow less than 0.1 cfs.
WPCP	Water Pollution Control Plant.

1 cfs = 374 gpm = 0.538 mgd

1 cfs for one day = 1.98 ac-ft

E Estimated discharge

ALTON CREEK AT ALTON

Station No. 02HB110

Location: At the bridge on Hwy. 136, about 0.2 mile
east of the Police Village of Alton.

Gauge: Staff.

Drainage Area: 25.7 square miles.

Period of Record: May 1971 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 18	25.9	July 9	18.3	Oct. 14	20.8
		June 22	13.6	July 14	14.4	Oct. 26	20.9
		June 24	12.6	July 15	11.7	Nov. 9	11.7
				July 22	6.5	Nov. 10	15.3
				July 29	14.2	Dec. 2	13.9
				Aug. 5	12.4		
				Aug. 11	8.7		
				Aug. 19	10.6		
				Aug. 26	16.4		
				Sep. 16	11.5		
				Sep. 29	14.8		

RIVIERE AU BAUDET NEAR GREEN VALLEY

Station No. 02MC102

Location: At the bridge on Hwy. 34, about 1 mile
south of the Hamlet of Green Valley.

Gauge: Staff.

Drainage Area: 36.3 square miles.

Period of Record: May 1971 to December 1971.

Remarks: Records fair.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 18	44.4	July 5	N.F.	Oct. 19	N.F.
		June 1	12.3	July 19	N.F.	Nov. 2	N.F.
		June 14	6.7	Aug. 10	N.F.	Nov. 18	0.9

BAXTER CREEK AT HWY. 28

Station No. 02HJ102

Location: At the bridge on Hwy. 28, about 1 mile south of the Hamlet of Fraserville.

Gauge: Staff.

Drainage Area: 28.9 square miles.

Period of Record: April 1971 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 22	48.6	July 7	18.1	Oct. 15	15.6
		Apr. 29	31.7	July 20	12.0	Oct. 26	17.4
		May 7	20.8	July 28	12.5	Nov. 9	14.7
		May 12	19.0	Aug. 3	9.2	Nov. 24	14.3
		May 20	18.2	Aug. 6	10.4	Dec. 8	21.9
		May 28	16.4	Aug. 13	10.8		
		June 3	26.0	Aug. 24	11.7		
		June 8	8.4	Aug. 31	12.6		
		June 9	10.3	Sep. 2	12.8		
		June 17	11.2	Sep. 15	14.7		
		June 29	15.3	Sep. 29	13.8		

BAYFIELD RIVER NEAR SEAFORTH

Station No. 02FF101

Location: At the bridge on Side Road 15, Township of Tuckersmith, about 1.5 miles southwest of the Town of Seaforth.

Gauge: Wire weight.

Drainage Area: 32.3 square miles.

Period of Record: May 1967 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 14	200	July 5	1.1	Oct. 6	0.7
		Apr. 27	27.7	July 21	1.1	Oct. 15	1.7
		May 12	12.3	Aug. 4	1.0	Nov. 3	0.7
		May 27	5.5	Sep. 2	1.0	Nov. 4	0.5
		June 10	24.7	Sep. 16	0.7	Nov. 18	1.6
		June 24	2.5	Sep. 28	1.5	Nov. 28	7.1

BEAVERTON RIVER NEAR CANNINGTON

Station No. 02EC102

Location: At the bridge on Brock Township Side Road 18,
about 1 mile northwest of the Village of Cannington.

Gauge: Staff.

Drainage Area: 72.5 square miles.

Period of Record: November 1965 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 15	641	July 2	5.4	Oct. 6	24.7
		Apr. 30	196	July 13	6.3	Oct. 20	24.7
		May 25	40.0	July 20	21.0	Oct. 25	21.5
		May 28	42.6	July 26	4.8	Nov. 18	21.9
		June 17	6.7	Aug. 10	5.6	Nov. 26	19.0
		June 21	9.4	Aug. 16	10.0		
				Sep. 22	20.1		
				Sep. 30	15.7		

BLACK CREEK BELOW ACTON

Station No. 02HB106

Location: At the bridge on concession 4, Township of Esquesing, about 1.5 miles southeast of the Town of Acton.

Gauge: Staff.

Drainage Area: 5.3 square miles.

Period of Record: April 1966 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 17	19.1	Apr. 1	14.4	July 8	10.3	Oct. 15	4.6
		Apr. 14	30.2	July 13	10.1	Oct. 18	4.4
		Apr. 27	8.5	July 23	3.9	Oct. 29	4.4
		May 5	8.7	July 30	5.4	Nov. 9	4.6
		June 4	3.5	Aug. 5	5.7	Nov. 10	4.3
		June 9	4.3	Aug. 12	4.0	Dec. 3	4.0
		June 10	4.3	Aug. 13	6.1		
		June 18	9.5	Aug. 20	4.9		
		June 22	5.4	Aug. 27	8.5		
		June 25	5.7	Sep. 8	7.1		
				Sep. 17	4.8		
				Sep. 30	4.8		

BLACK RAPIDS CREEK NEAR MERIVALE

Station No. 02LA103

Location: At the culvert on Hwy. 16, about 1 mile east
of the Hamlet of Merivale.

Gauge: Staff.

Drainage Area: 6.6 square miles.

Period of Record: May 1971 to December 1971.

Remarks: Records fair.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 26	4.8	July 6	N.F.	Oct. 20	N.F.
		June 24	N.F.	July 13	N.F.	Nov. 1	0.3
				July 27	N.F.		
				Aug. 18	N.F.		

BOWMANVILLE CREEK BELOW BOWMANVILLE

Station No. 02HD106

Location: At the bridge on Baseline Road, about 1000 feet north of Hwy. 401, in the Town of Bowmanville.

Gauge: Wire weight.

Drainage Area: 36.5 square miles.

Period of Record: July 1966 to December 1971.

Remarks: Discharge affected by regulation. Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 16	132	Apr. 26	66.4	July 5	26.1	Oct. 12	20.2
Mar. 25	46.1	Apr. 28	60.5	July 19	20.4	Oct. 26	50.4
Mar. 29	44.6	May 13	42.3	Aug. 17	20.2	Nov. 17	56.2
		May 25	23.2	Aug. 30	17.6	Dec. 8	62.5
		June 1	51.0	Sep. 27	34.5		
		June 21	29.1				
		June 24	28.0				

BOW LAKE AT HWY. 28

Station No. 02HK102

Location: At the outflow of Bow Lake on Hwy. 28, about
5.5 miles west of the Village of Bancroft.

Gauge: Staff.

Drainage Area: 4.8 square miles.

Period of Record: July 1966 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 26	7.8	July 6	4.3	Oct. 21	0.6
		June 8	5.9	July 22	2.8		
		June 22	3.9	Aug. 19	1.6		
				Sep. 15	1.6		

BRENNAN CREEK AT KILLALOE STATION
(BRUDENELL CREEK)
Station No. 02KC101

Location: About 200 feet downstream of the bridge on Queen Street in the Hamlet of Killaloe Station.

Gauge: On-Stream recorder.

Drainage Area: 69.7 square miles.

Period of Record: May 1970 to November 1971.

Remarks: Records good. Temporary on-stream recorder installed June 23 to November 20, 1971. Miscellaneous data for May to November 1970 available on request.

1971								
Day	May	June	July	Aug.	Sep.	Oct.	Nov.	Day
1			33.6	14.0	12.3	14.0	13.2	1
2			30.0	13.2	11.5	13.2	13.2	2
3			26.9	12.3	10.7	12.3	14.0	3
4			24.9	12.3	10.1	11.5	14.0	4
5			22.9	11.5	10.1	10.7	14.0	5
6			27.9	10.7	9.5	10.7	16.4	6
7			30.0	10.1	10.7	10.1	17.3	7
8			31.2	9.5	10.1	10.1	14.0	8
9		86.8	34.8	9.5	7.5	10.7	13.2	9
10			31.2	8.2	6.8	14.0	13.2	10
11			27.9	8.2	6.8	13.2	12.3	11
12			24.9	6.8	6.8	14.0	13.2	12
13			25.9	6.2	8.8	14.0	14.8	13
14			26.9	6.8	9.5	14.0	14.8	14
15			24.9	14.8	9.5	13.2	14.8	15
16			22.9	10.7	15.6	13.2	14.8	16
17			26.9	9.5	14.0	13.2	15.6	17
18			24.9	8.8	14.0	12.3	16.4	18
19			22.9	8.2	12.3	12.3	18.9	19
20			22.9	7.5	14.8	11.5	32.4	20
21			21.9	8.2	34.8	11.5		21
22			20.9	9.5	33.6	11.5		22
23		33.6	19.9	12.3	33.6	11.5		23
24		34.8	19.9	10.7	31.2	10.7		24
25		42.0E	19.9	10.7	26.9	13.2		25
26		56.5E	18.9	11.5	22.9	15.6		26
27	84.1	50.8E	19.9	14.8	19.9	15.6		27
28		45.8E	18.1	16.4	18.1	15.6		28
29		40.8	16.4	17.3	16.4	14.8		29
30		34.8	16.4	16.4	14.8	14.0		29
31			15.6	14.0		14.0		31

BRUCE CREEK NEAR UNIONVILLE

11

Station No. 02HC102

Location: About 600 feet upstream of the bridge on
Markham Township Side Road 20-21, 2.5 miles north
of the Police Village of Unionville.

Gauge: On-Stream Recorder.

Drainage Area: 11.7 square miles.

Period of Record: June 1971 to November 1971.

Remarks: Temporary on-stream recorder installed
July 1 to October 27, 1971.

1971								
Day	May	June	July	Aug.	Sep.	Oct.	Nov.	Day
1			2.3	2.8E	4.2	2.9		1
2			2.1	2.6E	4.0	3.0		2
3			1.8	2.5	3.8	3.2		3
4			2.1	2.4	3.7	3.4		4
5			4.0	2.3	4.0	3.7		5
6			29.2	2.1	4.2	3.5		6
7			21.0	2.1	4.1	3.5		7
8			10.4	1.8	3.8	3.5		8
9			4.8	2.0	3.7	4.2		9
10			3.0	2.3	3.5	5.4		10
11			2.7	2.6	3.4	4.8		11
12			2.4	2.7	3.2	4.0		12
13			2.9	3.2	3.4	3.7		13
14			2.9	3.8	3.5	3.8		14
15			2.7	10.0	3.4	3.5		15
16			2.7	2.3	3.5	3.7		16
17			2.6	1.3	3.5	2.7		17
18			2.7	1.0	3.4	3.5		18
19			2.9	0.9	3.5	4.6		19
20			3.0	1.6	5.6	3.7		20
21			2.7	1.6	6.6	3.4		21
22			3.0	5.8	4.6	3.5		22
23		2.4	3.5	5.0	3.8	3.4		23
24			3.7	3.8	3.5	3.4		24
25			3.5	4.0	3.4	3.7		25
26			3.8	6.8	3.4	4.2	4.7	26
27			28.7	17.8	3.5	4.0		27
28			14.0E	23.8	3.5			28
29			5.6E	8.8	3.7			29
30			3.0E	6.0	3.0			30
31			2.9E	5.0				31

BUCKLES CREEK AT HWY. 108

Station No. 02CD102

Location: At the culvert on Hwy. 108, about 2.5 miles south of Elliot Lake townsite.

Gauge: Staff.

Drainage Area: 12.8 square miles.

Period of Record: September 1966 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 2	5.0	July 1	2.8	Oct. 3	0.8
		May 17	4.4	Aug. 1	1.1	Oct. 29	0.9
		June 1	3.0	Aug. 30	1.4	Nov. 1	1.3
		June 23	1.1	Sep. 2	0.5	Nov. 26	3.0
				Sep. 28	1.1	Dec. 2	4.2

BUD LAKE AT HWY. 108

Station No. 02CD113

Location: The culvert at the outflow of Bud Lake on
Hwy. 108, about 8 miles north of Elliot Lake
townsite.

Gauge: Measuring point.

Drainage Area: 8.3 square miles.

Period of Record: June 1966 to December 1971.

Remarks: Records fair.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 18	5.2	Aug. 1	1.3	Oct. 30	1.1
		June 23	3.2	Sep. 2	1.5	Nov. 26	6.7
				Sep. 28	3.7		

BUTLER CREEK BELOW BRIGHTON

Station No. 02HD100

Location: At the wooden bridge on Harbour Street, about
1 mile south of the Village of Brighton.

Gauge: Staff.

Drainage Area: 11.7 square miles (revised).

Period of Record: June 1966 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 23	25.6	Apr. 19	31.9	July 9	2.3	Oct. 10	4.6
Mar. 31	15.6	Apr. 27	12.9	July 23	3.0	Oct. 27	4.6
		May 27	9.0	July 27	2.6	Nov. 24	4.2
		June 11	4.2	Aug. 19	2.6	Dec. 21	8.8
		June 24	3.9	Aug. 26	4.6		
				Sep. 9	2.0		
				Sep. 26	2.9		

CARRUTHERS CREEK NEAR AJAX

Station No. 02HC100

Location: At the bridge on Baseline Road, about 0.5 mile east of the Town of Ajax.

Gauge: Staff.

Drainage Area: 12.0 square miles.

Period of Record: April 1967 to December 1971.

Remarks: Records fair.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 25	9.4	Apr. 28	4.9	July 12	N.F.	Oct. 13	3.0
		May 13	1.6	July 18	N.F.	Oct. 27	4.9
		June 22	N.F.	Aug. 17	N.F.	Nov. 17	3.7
				Aug. 31	N.F.	Dec. 9	12.8
				Sep. 28	1.9		

CHEMUNG CREEK NEAR FOWLERS CORNERS

Station No. 02HH108

Location: At the culvert on a gravel side road running northwest off Hwy. 7, about 1 mile west of the Hamlet of Fowlers Corners.

Gauge: No gauge.

Drainage Area: 5.2 square miles.

Period of Record: April 1971 to December 1971.

Remarks: Periodic discharge measurements only.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 22	14.3	July 7	4.2	Oct. 14	0.9
		Apr. 29	8.8	July 20	1.9	Oct. 26	3.2
		May 7	4.5	July 28	1.8	Nov. 9	2.2
		May 12	3.1	Aug. 6	1.3		
		May 20	3.4	Aug. 13	0.7		
		May 28	5.0	Aug. 24	2.5		
		June 3	4.3	Sep. 2	1.6		
		June 9	1.9	Sep. 15	2.2		
		June 17	2.1	Sep. 28	1.7		
		June 29	2.4				

CHIPPAWA CREEK AT NORTH BAY

Station No. 02DD100

Location: At the bridge on Main Street in the City of North Bay.

Gauge: Measuring point.

Drainage Area: 15.3 square miles.

Period of Record: April 1970 to December 1971.

Remarks: Records fair.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 13	17.0	July 25	4.0	Oct. 28	13.1
		June 26	6.9	Aug. 28	6.3	Nov. 25	17.0
				Sep. 21	34.0		

CLEAR CREEK AT CLEAR CREEK

Station No. 02GC103

Location: At the bridge on Norfolk County Road 9, in
the Hamlet of Clear Creek.

Gauge: Staff.

Drainage Area: 27.4 square miles.

Period of Record: April 1967 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 17	79.0	Apr. 21	27.2	July 5	6.9	Oct. 14	9.7
Mar. 31	55.6	May 4	20.6	July 13	5.0	Oct. 27	8.2
		June 1	16.2	July 19	2.6	Nov. 18	8.8
		June 2	14.1	Aug. 3	3.0	Nov. 26	8.5
		June 14	13.7	Aug. 16	2.5	Dec. 9	14.5
				Aug. 30	7.3		
				Sep. 23	7.6		

COBOURG BROOK AT COBOURG

Station No. 02HD103

Location: At the bridge adjacent to the WPCP in the
Town of Cobourg.

Gauge: Wire Weight.

Drainage Area: 48.7 square miles.

Period of Record: July 1966 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 29	43.5	Apr. 13	377	July 5	25.0	Oct. 12	29.3
		Apr. 27	87.5	July 18	23.0	Oct. 26	45.0
		Apr. 28	85.0	July 23	32.3	Oct. 28	35.1
		May 13	48.9	Aug. 17	23.9	Nov. 18	26.0
		May 25	34.1	Aug. 19	39.3	Nov. 24	23.4
		June 1	31.5	Sep. 27	27.8	Dec. 8	46.9
		June 21	27.3				
		June 24	35.1				

COLBORNE CREEK AT LAKEPORT

Station No. 02HD102

Location: At the bridge in the Hamlet of Lakeport on
the road leading to the Village of Colborne.

Gauge: Staff.

Drainage Area: 17.0 square miles (revised).

Period of Record: July 1966 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 23	28.6	Apr. 19	37.3	July 9	6.9	Oct. 27	11.0
Mar. 31	32.2	Apr. 27	22.2	July 23	6.4	Oct. 28	11.7
		May 27	19.1	July 27	9.4	Nov. 24	6.8
		June 11	13.4	Aug. 19	7.0	Dec. 21	18.0
		June 23	7.9	Aug. 26	6.9		
		June 24	8.9	Sep. 9	7.2		
				Sep. 26	6.9		
				Sep. 27	7.2		

COLBORNE CREEK AT COLBORNE

Station No. 02HD111

Location: About 500 feet upstream of the bridge on
Scott Street in the Village of Colborne.

Gauge: Staff.

Drainage Area: 1.9 square miles.

Period of Record: August 1970 to December 1971.

Remarks: Records fair.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Jan. 13	2.7	Apr. 19	5.2	July 9	1.6	Oct. 26	2.6
Feb. 11	2.9	June 11	2.3	July 27	1.5	Nov. 24	1.3
Mar. 11	3.3	June 23	1.8	Aug. 26	2.3	Dec. 21	3.5
Mar. 22	3.3			Sep. 9	1.7		
Mar. 31	3.7			Sep. 26	2.0		

COLD CREEK AT FRANKFORD

Station No. 02HK108

Location: At the Canadian National Railways bridge
in the Village of Frankford.

Gauge: Measuring point.

Drainage Area: 102 square miles.

Period of Record: June 1971 to December 1971.

Remarks: Records fair.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 15	80.2	July 9	57.8	Nov. 16	79.6
		June 22	80.6	July 27	63.8	Dec. 13	206
				Aug. 25	49.5		
				Sep. 9	84.6		

COPPERCLIFF CREEK NEAR SUDBURY

Station No. 02CF107

Location: At the culvert on Kelly Lake Road East, about
0.25 mile south of intersection with Hwy. 17.

Gauge: Measuring point.

Drainage Area: 1.4 square miles.

Period of Record: June 1969 to December 1971.

Remarks: Records good, Flow includes effluent discharge.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 12	35.5	July 26	28.9	Oct. 28	36.2
		June 25	17.5	Aug. 27	57.5	Nov. 23	33.2
				Sep. 22	44.4		

CREDIT RIVER AT GLEN WILLIAMS

Station No. 02HB102

Location: At the bridge on Halton County Road 13, in
the Village of Glen Williams.

Gauge: Measuring point.

Drainage Area: 180 square miles.

Period of Record: May 1968 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 1	312	July 8	186	Oct. 15	110
		Apr. 14	1250	July 13	120	Oct. 18	107
		Apr. 27	271	July 23	118	Oct. 29	106
		June 4	146	July 30	119	Nov. 9	99.7
		June 9	118	Aug. 5	150	Nov. 10	94.6
		June 18	137	Aug. 13	123	Dec. 3	183
		June 22	112	Aug. 20	97.8		
				Aug. 27	469		
				Sep. 17	89.4		
				Sep. 30	88.9		

CREDIT RIVER NEAR INGLEWOOD

Station No. 02HB103

Location: At the bridge on the Caledon-Chinguacousy
Town Line 0.75 mile southwest of the Police Village
of Inglewood.

Gauge: Measuring point.

Drainage Area: 158 square miles (revised).

Period of Record: May 1968 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 17	246	Apr. 1	170	July 8	115	Oct. 1	68.1
		Apr. 14	1010	July 13	91.2	Oct. 15	87.2
		Apr. 27	244	July 23	95.5	Oct. 19	70.3
		May 5	177	July 30	94.0	Oct. 29	85.2
		June 4	106	Aug. 5	100	Nov. 9	78.1
		June 10	94.3	Aug. 20	67.7	Nov. 10	85.0
		June 18	110	Aug. 27	393	Dec. 3	103
		June 22	83.9	Sep. 17	72.4		
				Sep. 30	79.2		

LITTLE CREDIT RIVER AT HWY. 10

Station No. 02HB105

Location: At the concrete culvert on Hwy. 10, about
1 mile northeast of the Hamlet of Inglewood.

Gauge: Staff.

Drainage Area: 19.5 square miles.

Period of Record: June 1971 to December 1971.

Remarks: Records poor.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 4	11.3	July 9	15.2	Oct. 14	10.4
		June 18	10.2	July 15	8.3	Oct. 28	11.5
		June 24	7.6	July 22	6.9	Nov. 9	9.8
				July 29	12.4	Dec. 2	9.2
				Aug. 11	6.1		
				Aug. 19	7.5		
				Aug. 26	10.1		
				Sep. 16	8.1		
				Sep. 29	9.6		

WEST CREDIT RIVER AT ERINStation No. 02HB109Location: At the bridge on Hwy. 24 in the Village
of Erin.Gauge: Staff.Drainage Area: 14.4 square miles.Period of Record: June 1971 to December 1971.Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 4	11.3	July 9	10.4	Oct. 14	6.9
		June 18	7.7	July 15	6.3	Oct. 28	7.9
		June 24	4.5	July 22	3.8	Nov. 9	6.7
				July 29	9.8	Dec. 2	5.9
				Aug. 11	6.8		
				Aug. 19	7.9		
				Aug. 25	7.5		
				Sep. 16	4.1		
				Sep. 29	3.7		

WEST CREDIT RIVER AT BELFOUNTAIN

Station No. 02HB104

Location: At the bridge on Peel County Road 11, in the Hamlet of Belfountain.

Gauge: Measuring point.

Drainage Area: 39.3 square miles.

Period of Record: June 1968 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Jan. 6	45.7	Apr. 1	43.9	July 9	34.3	Oct. 1	16.4
Mar. 17	79.0	Apr. 14	190	July 14	25.5	Oct. 14	19.9
		Apr. 27	59.2	July 22	21.5	Oct. 19	20.3
		May 5	50.3	July 29	29.2	Oct. 28	21.5
		June 4	34.5	Aug. 5	21.5	Nov. 9	19.0
		June 10	36.6	Aug. 11	15.7	Dec. 2	24.8
		June 18	34.1	Aug. 19	21.2		
		June 22	29.6	Aug. 26	24.9		
		June 24	25.0	Sep. 16	18.8		
				Sep. 29	19.8		

DEER CREEK AT PAUDASH LAKE

Station No. 02HK104

Location: At the inlet to Paudash Lake about 14 miles
west of the Village of Bancroft.

Gauge: Staff.

Drainage Area: 18.3 square miles.

Period of Record: July 1966 to December 1971.

Remarks: Records fair.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 26	23.5	July 6	9.0	Oct. 21	N.F.
		June 8	16.0	July 22	6.7		
		June 22	5.0	Aug. 19	10.5		
				Sep. 15	1.1		

DEPOT LAKE - MCCARTHY LAKE AT HWY. 108

Station No. 02CD101

Location: Between the outlet of Depot Lake and the inlet to McCarthy Lake, adjacent to Hwy. 108, about 6 miles south of Elliot Lake townsite.

Gauge: Staff.

Drainage Area: 90.9 square miles.

Period of Record: June 1966 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 2	486 E	July 1	76.4	Oct. 2	12.6
		May 17	240	Aug. 1	20.2	Oct. 29	19.3
		June 1	238	Aug. 30	13.4	Nov. 1	18.2
		June 23	96.0	Sep. 2	11.1	Nov. 26	63.8
				Sep. 29	15.2	Dec. 2	61.2

RIVIERE DELISLE NEAR ALEXANDRIA

Station No. 02MC101

Location: At the bridge on St. Paul Street, about
1.5 miles east of the Town of Alexandria.

Gauge: Staff.

Drainage Area: 56.8 square miles.

Period of Record: May 1971 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 18	27.0	July 5	2.3	Oct. 19	4.3
		June 1	13.9	July 19	3.7	Nov. 2	3.3
		June 14	12.7	Aug. 10	0.6	Nov. 18	5.6
				Aug. 31	6.2		

DODD CREEK AT ST. THOMAS

Station No. 02GC104

Location: At the bridge on Hwy. 3 in the City of
St. Thomas.

Gauge: Staff.

Drainage Area: 49.1 square miles.

Period of Record: May 1967 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 31	53.5	Apr. 21	16.8	July 6	1.3	Oct. 27	1.4
		May 4	10.0	July 20	1.2	Nov. 25	1.3
		June 2	1.7	Aug. 4	N.F.	Dec. 8	6.8
		June 15	4.8	Aug. 17	1.8		
				Aug. 31	2.7		
				Sep. 22	1.2		

DUNLOP LAKE AT HWY. 108

Station No. 02CD110

Location: The culvert at the outlet of Dunlop Lake on
Hwy. 108, about 6 miles north of Elliot Lake townsite.

Gauge: Staff.

Drainage Area: 43.1 square miles.

Period of Record: June 1966 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 6	69.0	July 2	23.6	Oct. 30	11.3
		May 3	255	Aug. 1	16.4	Nov. 1	12.0
		May 17	67.1	Aug. 2	17.5	Nov. 26	11.0
		June 2	82.6	Aug. 30	15.3	Dec. 3	9.0
		June 23	53.4	Sep. 2	13.5		
				Sep. 28	12.9		

EAST RIVER NEAR HUNTSVILLE

Station No. 02EB101

Location: At the bridge on the road leading to the Hamlet of Williamsport, about 6 miles northeast of the Town of Huntsville.

Gauge: Wire weight.

Drainage Area: 233 square miles.

Period of Record: April 1969 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 20	3040	July 6	127	Oct. 6	51.2
		Apr. 23	2360	July 10	121	Oct. 7	50.4
		Apr. 28	1740	July 14	204	Oct. 11	54.8
		May 5	1440	July 20	193	Oct. 18	109
		May 6	1220	July 28	177	Oct. 25	103
		May 13	600	Aug. 1	158	Oct. 28	99.0
		May 14	512	Aug. 4	147	Nov. 1	95.0
		May 27	352	Aug. 8	139	Nov. 3	72.8
		May 30	272	Aug. 11	151	Nov. 24	243
		June 2	239	Aug. 14	143		
		June 8	233	Aug. 18	141		
		June 11	196	Aug. 22	147		
		June 12	225	Sep. 1	141		
		June 19	143	Sep. 11	130		
		June 23	201	Sep. 18	113		
				Sep. 21	84.9		
				Sep. 22	84.9		

EIGHT MILE CREEK NEAR ST. CATHARINES

Station No. 02HA101

Location: At the bridge on Lakeshore Road, about 1.5 miles east of the City of St. Catharines.

Gauge: Staff.

Drainage Area: 3.9 square miles.

Period of Record: August 1966 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 15	78.8	Apr. 16	1.0	July 7	0.4	Oct. 8	0.4
		Apr. 19	0.9	July 12	0.4	Oct. 13	0.5
		Apr. 30	0.8	July 21	0.4	Oct. 19	0.4
		May 31	0.9	Aug. 9	0.3	Oct. 28	0.6
		June 3	2.5	Aug. 12	0.2	Nov. 9	0.4
		June 16	0.5	Aug. 25	0.5	Nov. 9	0.3
				Sep. 14	1.6	Nov. 22	0.7
				Sep. 23	0.6	Dec. 8	1.2
						Dec. 9	1.3

FORTY MILE CREEK AT GRIMSBY

Station No. 02HA100

Location: At the bridge on the Queen Elizabeth Way, above the WPCP in the Town of Grimsby.

Gauge: Staff.

Drainage Area: 22.1 square miles.

Period of Record: September 1966 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 15	207	Apr. 16	7.0	July 7	N.F.	Oct. 8	0.1
Mar. 24	38.7	Apr. 19	2.7	July 21	0.1	Oct. 12	0.1
		Apr. 30	3.0	Aug. 9	0.1	Oct. 19	0.1
		May 31	0.5	Aug. 12	N.F.	Oct. 28	0.8
		June 3	0.1	Aug. 25	0.1	Nov. 9	0.1
		June 16	N.F.	Sep. 13	0.4	Nov. 22	0.6
				Sep. 23	0.6	Dec. 8	24.3
						Dec. 9	19.4

FOUR MILE CREEK NEAR NIAGARA-ON-THE-LAKE

Station No. 02HA103

Location: Beside Lincoln County Road 2, about 1 mile south of the intersection with Lakeshore Road.

Gauge: Staff.

Drainage Area: 16.9 square miles.

Period of Record: August 1966 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 15	301	Apr. 16	2.1	July 7	1.3	Oct. 8	0.2
Mar. 16	88.0	Apr. 20	1.2	July 21	0.6	Oct. 13	0.6
Mar. 24	11.4	Apr. 30	1.2	Aug. 9	0.9	Oct. 19	0.2
		June 3	3.4	Aug. 11	0.3	Oct. 28	7.6
		June 16	1.9	Aug. 25	1.8	Nov. 9	0.2
				Sep. 14	3.5	Nov. 22	3.6
				Sep. 23	2.1	Dec. 8	10.5
						Dec. 9	9.1

GAGE CREEK AT PORT HOPE

Station No. 02HD104

Location: At the bridge on Hwy. 2 about 1 mile east of
the Town of Port Hope.

Gauge: Wire weight.

Drainage Area: 16.7 square miles.

Period of Record: August 1966 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 13	143	July 5	3.3	Oct. 12	4.0
		Apr. 26	16.9	July 18	2.8	Oct. 26	7.1
		Apr. 28	15.9	July 27	4.5	Nov. 17	3.9
		May 13	9.6	Aug. 17	2.9	Dec. 8	11.5
		June 1	3.8	Aug. 19	1.9		
		June 21	3.4	Aug. 30	2.7		
		June 24	5.1	Sep. 27	2.9		

GENESSEE CREEK AT POWASSAN

Station No. 02DD102

Location: At the culvert on Mill Street in the Town
of Powassan.

Gauge: Measuring point.

Drainage Area: 26.1 square miles.

Period of Record: April 1970 to December 1971.

Remarks: Records fair.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 13	33.7	July 25	9.7	Oct. 28	11.3
		June 26	11.9	Aug. 27	6.4	Nov. 25	17.3
				Sep. 21	72.6		

GERMAN MILLS CREEK BELOW RICHMOND HILL

Station No. 02HC101

Location: At the bridge on 16th. Avenue, about 0.3
mile east of Hwy. 11 in the Hamlet of Richvale.

Gauge: Staff.

Drainage Area: 3.7 square miles.

Period of Record: November 1965 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 18	9.7	Apr. 16	5.4	July 9	2.5	Oct. 13	4.8
		June 22	2.8	July 26	2.1	Oct. 27	3.6
				Aug. 19	4.4	Nov. 26	3.0
				Aug. 25	3.8	Dec. 9	9.5
				Sep. 28	2.3		

GOUGH CREEK AT WEBBWOOD

Station No. 02CE101

Location: At the bridge on Hwy. 17 about 0.8 mile west
of the Town of Webbwood.

Gauge: Measuring point.

Drainage Area: 93.1 square miles.

Period of Record: April 1970 to December 1971.

Remarks: Records fair.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 20	101	Sep. 4	20.3	Oct. 29	44.6
		June 23	15.9	Sep. 28	64.6	Nov. 26	54.6

GRAHAM CREEK AT NEWCASTLE

Station No. 02HD105

Location: At the concrete bridge on Mill Street, about
0.5 mile south of Hwy. 401 in the Village of Newcastle.

Gauge: Staff.

Drainage Area: 33.3 square miles.

Period of Record: November 1965 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 29	53.9	Apr. 13	201	July 5	12.3	Oct. 12	7.0
Mar. 31	71.5	Apr. 26	29.9	July 19	10.5	Oct. 26	14.6
		Apr. 28	22.9	Aug. 17	13.2	Oct. 28	12.0
		May 13	18.7	Aug. 30	9.4	Nov. 17	8.0
		May 25	10.9	Sep. 27	4.6	Nov. 24	20.6
		June 1	7.6			Dec. 8	28.7
		June 21	12.1				

HARMONY CREEK AT OSHAWA

Station No. 02HD107

Location: At the bridge on Bloor Street East in the City of Oshawa.

Gauge: Staff.

Drainage Area: 14.8 square miles.

Period of Record: April 1967 to December 1971.

Remarks: Records fair.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 25	22.8	Apr. 13	74.0	July 5	1.8	Oct. 12	3.0
Mar. 31	51.6	Apr. 28	7.6	July 18	1.3	Oct. 26	6.4
		May 13	4.0	Aug. 17	1.3	Oct. 28	4.0
		June 1	1.5	Sep. 27	2.2	Nov. 17	3.9
		June 21	1.9			Dec. 8	14.0
		June 25	0.8				

HOLLAND RIVER NEAR AURORA

45

Station No. 02EC107

Location: At the bridge on Whitchurch Township Side Road
25-26, about 0.6 mile east of Hwy. 11.

Gauge: Staff.

Drainage Area: 22.3 square miles.

Period of Record: June 1971 to November 1971.

Remarks: Records fair.

Daily gauge reader June 19 to September 30, 1971.

1971								
Day	May	June	July	Aug.	Sep.	Oct.	Nov.	Day
1			1.5	1.8	2.3			1
2			1.5	1.7	2.1			2
3			1.5	1.5	1.9			3
4			1.3	1.5	1.9			4
5			2.6	1.4	2.6			5
6			7.9E	1.3	2.7			6
7			2.6	1.3	2.8			7
8			2.3	1.2	2.2	2.7		8
9			1.9	1.1	2.0			9
10			1.8	1.5	1.9			10
11			1.7	1.7	1.8			11
12			1.5	1.6	1.8			12
13			1.8	1.5	1.9			13
14			1.7	1.9	1.9			14
15		1.8	1.5	1.9	1.9			15
16			1.5	1.8	1.9			16
17			2.8	1.5	2.0			17
18			1.8	1.4	1.9			18
19		2.0	2.2	1.3	2.8		3.8	19
20		1.9	1.9	1.3	2.7			20
21		2.0	1.8	1.4	2.6			21
22		2.0	2.0	1.5	2.5	3.1		22
23		1.9	1.9	3.1	2.3			23
24		1.9	1.8	2.4	2.2			24
25		5.2E	2.5	1.9	2.1			25
26		2.3	3.3	1.7	2.1			26
27		2.0	3.3	5.8E	2.0			27
28		1.8	2.4	10.5E	2.0			28
29		1.7	1.9	6.3E	1.9			29
30		1.6	1.8	3.3	1.9			30
31			1.8	2.8				31

INDIAN RIVER AT HWY. 7

Station No. 02HJ101

Location: At the bridge on Hwy. 7, about 0.2 mile
east of the Hamlet of Jermyn.

Gauge: Staff.

Drainage Area: 51.9 square miles.

Period of Record: April 1971 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 22	287	July 6	81.3	Oct. 15	64.3
		Apr. 29	228	July 7	78.8	Oct. 26	61.8
		May 6	123	July 20	63.2	Nov. 9	52.4
		May 13	89.0	July 28	63.9	Nov. 24	49.3
		May 20	76.8	Aug. 3	62.7		
		May 27	55.3	Aug. 6	55.2		
		June 3	48.9	Aug. 24	60.0		
		June 8	41.7	Aug. 30	67.1		
		June 9	51.8	Sep. 2	58.1		
		June 17	45.5	Sep. 15	64.1		
		June 29	89.6	Sep. 29	65.5		

JACK CREEK NEAR STONYRIDGE

47

Station No. 02HH104

Location: At the bridge on Peterborough County Road 6,
about 0.5 mile west of the locality of Stonyridge.

Gauge: Staff.

Drainage Area: 58.7 square miles.

Period of Record: April 1971 to December 1971.

Remarks: Records good. Discharge affected by regulation.
Daily gauge reader September 1 to November 30, 1971.

1971								
Day	May	June	July	Aug.	Sep.	Oct.	Nov.	Day
1					3.7	23.1	35.5	1
2		24.8			3.4	21.3	43.7	2
3					3.4	20.3	45.5	3
4				35.5	3.7	29.8	48.6	4
5	226			42.9	4.0	27.6	56.8	5
6					4.3	25.6	50.7	6
7			45.9		4.3	26.9	54.8	7
8		25.4			3.4	28.2	58.9	8
9		17.3			3.1	23.7	57.9	9
10					3.7	26.9	57.9	10
11					4.0	26.3	61.0	11
12				10.6	3.7	23.7	28.2	12
13	44.0				3.4	24.4	37.2	13
14					5.8	23.1	38.1	14
15					3.4	29.0	40.0	15
16		65.7			2.4	28.2	39.1	16
17					2.4	29.0	23.7	17
18					1.9	29.0	31.4	18
19	23.9		23.7		1.5	30.6	36.3	19
20					6.9	28.2	40.9	20
21					16.8	27.6	33.1	21
22					8.2	23.1	29.0	22
23				22.5	7.2	21.8	38.1	23
24					6.2	21.8	33.9	24
25					5.2	21.3	42.7	25
26	23.9				4.3	23.1	38.1	26
27			73.2		3.7	95.2	29.8	27
28		52.6			5.2	122	33.9	28
29					8.2	116	33.9	29
30					16.4	29.0	33.9	30
31				3.9		32.8		31

JOCK RIVER NEAR MANOTICK

Station No. 02LA102

Location: At the bridge on Carleton County Road 13,
about 3 miles north of the Police Village of
Manotick.

Gauge: Staff.

Drainage Area: 226 square miles.

Period of Record: May 1971 to December 1971.

Remarks: Records fair.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 19	123	July 12	6.7	Oct. 20	9.5
		June 2	39.6	July 27	3.1	Nov. 1	4.0
		June 23	9.1	Aug. 17	N.F.		

JUNCTION CREEK NEAR SUDBURY

Station No. 02CF106

Location: At the bridge on Kelly Lake Road West, about
3 miles southwest of the Town of Copper Cliff.

Gauge: Measuring point.

Drainage Area: 69.1 square miles.

Period of Record: May 1969 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 25	47.6	July 22	31.1	Oct. 28	50.2
				Aug. 27	44.8	Nov. 23	75.3
				Sep. 22	54.1		

KETTLE CREEK ABOVE ST. THOMAS

Station No. 02GC107

Location: At the intersection of Elgin County Road 30
and concession 10, about 2 miles northeast of the
City of St. Thomas.

Gauge: Staff.

Drainage Area: 54.5 square miles.

Period of Record: May 1967 to December 1971.

Remarks: Records good. Station temporarily discontinued
August 15 to December 31 due to bridge construction.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 31	75.9	Apr. 22	19.8	July 6	0.7		
		May 4	10.6	July 20	0.5		
		June 15	2.8	Aug. 4	0.4		

KETTLE CREEK AT ST. THOMAS

Station No. 02GC105

Location: At the bridge on Hwy. 4, below the confluence
with Dodd Creek, in the City of St. Thomas.

Gauge: Staff.

Drainage Area: 129 square miles.

Period of Record: May 1967 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 31	151	Apr. 21	22.8	July 6	2.4	Oct. 27	2.4
		May 4	23.0	July 20	2.2	Nov. 25	9.7
		June 2	4.5	Aug. 4	1.3	Dec. 8	12.0
		June 15	9.3	Aug. 17	2.9		
				Aug. 31	4.1		
				Sep. 22	2.5		

NORTH LAKEFIELD CREEK NEAR LAKEFIELD

Station No. 02HH107

Location: At the bridge on Youngs Point Road, about
0.75 mile west of the Village of Lakefield.

Gauge: No gauge.

Drainage Area: 1.6 square miles.

Period of Record: April 1971 to December 1971.

Remarks: Periodic discharge measurements only.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 22	5.7	July 7	0.4	Oct. 14	N.F.
		Apr. 29	4.1	July 19	0.1	Oct. 25	N.F.
		May 7	1.9	July 28	N.F.	Nov. 8	N.F.
		May 12	1.6	Aug. 5	N.F.	Nov. 23	0.1
		May 20	0.8	Aug. 13	N.F.		
		May 27	1.3	Aug. 23	N.F.		
		June 3	0.7	Sep. 1	N.F.		
		June 8	0.4	Sep. 14	N.F.		
		June 17	0.1	Sep. 28	N.F.		
		June 29	0.4				

SOUTH LAKEFIELD CREEK AT LAKEFIELD

Station No. 02HH106

Location: At the culvert on Hwy. 28 on the western limits of the Village of Lakefield.

Gauge: No gauge.

Drainage Area: 4.9 square miles.

Period of Record: April 1971 to December 1971.

Remarks: Periodic discharge measurements only.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 22	13.5	July 7	N.F.	Oct. 14	N.F.
		Apr. 29	8.3	July 19	N.F.	Oct. 25	N.F.
		May 6	5.1	July 28	N.F.	Nov. 8	N.F.
		May 12	2.7	Aug. 5	N.F.	Nov. 23	N.F.
		May 20	1.3	Aug. 13	N.F.		
		May 27	1.2	Aug. 23	N.F.		
		June 3	0.7	Sep. 1	N.F.		
		June 8	0.1	Sep. 14	N.F.		
		June 17	0.1	Sep. 28	N.F.		
		June 29	N.F.				

LANCASTER CREEK NEAR FOWLERS CORNERS

Station No. 02HH109

Location: At the culvert on concession 6, Township of Emily, about 3 miles north of the Hamlet of Fowlers Corners.

Gauge: No gauge.

Drainage Area: 4.2 square miles.

Period of Record: April 1971 to December 1971.

Remarks: Periodic discharge measurements only.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 22	28.9	July 7	N.F.	Oct. 14	N.F.
		Apr. 29	10.6	July 20	N.F.	Oct. 26	N.F.
		May 7	4.0	July 28	N.F.	Nov. 9	N.F.
		May 12	2.2	Aug. 6	N.F.	Nov. 24	N.F.
		May 20	1.2	Aug. 13	N.F.		
		May 28	1.6	Aug. 24	N.F.		
		June 3	0.7	Sep. 2	N.F.		
		June 9	0.2	Sep. 15	N.F.		
		June 17	N.F.	Sep. 28	N.F.		
		June 29	0.3				

LAVASSE RIVER AT NORTH BAY

Station No. 02DD101

Location: At the bridge on Hwy. 11 in the City of
North Bay.

Gauge: Measuring point.

Drainage Area: 26.5 square miles.

Period of Record: April 1970 to December 1971.

Remarks: Records fair.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 13	16.6	July 25	2.9	Oct. 28	5.0
		June 26	4.4	Aug. 27	4.6	Nov. 25	8.7
				Sep. 21	6.8		

LITTLE CATARAQUI CREEK NEAR KINGSTON

Station No. 02HM101

Location: At the culvert on Hwy. 401, about 1 mile
east of Sydenham Road in the City of Kingston.

Gauge: Staff.

Drainage Area: 8.2 square miles.

Period of Record: May 1971 to December 1971.

Remarks: Records fair.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 4	16.8	July 1	0.4	Nov. 17	N.F.
		May 28	4.5	July 22	N.F.		
		June 16	0.8	Sep. 2	0.8		

LUCKNOW RIVER NEAR LUCKNOW

Station No. 02FD102

Location: At the bridge on Huron County Road 27, about
1.5 miles below the Hamlet of Lucknow.

Gauge: Staff.

Drainage Area: 48.7 square miles.

Period of Record: January 1969 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 14	402	July 6	15.1	Oct. 6	16.0
		Apr. 28	123	July 22	100	Oct. 15	18.8
		May 12	46.8	Aug. 5	16.3	Nov. 3	16.0
		May 27	53.3	Aug. 19	12.5	Nov. 4	17.8
		June 9	31.2	Sep. 2	12.2	Nov. 18	18.2
		June 10	25.8	Sep. 15	9.1	Nov. 30	40.8
		June 24	20.3				

LUCKNOW RIVER AT PORT ALBERT

Station No. 02FD103

Location: At the concrete bridge on Hwy. 21 near the
Hamlet of Port Albert.

Gauge: Staff.

Drainage Area: 89.3 square miles.

Period of Record: July 1966 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 14	700	July 6	28.6	Oct. 6	11.1
		Apr. 28	182	July 8	23.0	Oct. 15	26.8
		May 12	71.3	July 22	33.4	Nov. 3	20.8
		May 27	75.5	Aug. 5	21.9	Nov. 4	22.2
		June 9	49.6	Aug. 19	18.3	Nov. 18	23.7
		June 10	41.6	Sep. 2	20.8	Nov. 30	67.6
		June 24	35.5	Sep. 16	14.8		

LYNN RIVER AT PORT DOVER

Station No. 02GC102

Location: At the old dam site upstream of Silver Lake
in the Town of Port Dover.

Gauge: Staff.

Drainage Area: 56.5 square miles.

Period of Record: April 1965 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 30	112	Apr. 21	61.6	July 5	31.8	Oct. 14	33.0
		May 4	56.7	July 13	28.9	Oct. 27	31.8
		June 1	39.4	July 19	29.0	Nov. 18	29.4
		June 6	43.6	Aug. 3	26.4	Nov. 26	32.9
		June 14	33.8	Aug. 10	23.4	Dec. 9	39.8
				Aug. 16	22.9		
				Aug. 30	28.9		
				Sep. 10	24.3		
				Sep. 23	31.9		

MADOC CREEK AT MADOC

Station No. 02HL106

Location: At the bridge on Hwy. 62, about 0.1 mile
north of Hwy. 7 in the Village of Madoc.

Gauge: Measuring point.

Drainage Area: 25.4 square miles.

Period of Record: April 1971 to December 1971.

Remarks: Records fair.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 15	314	July 6	16.8	Oct. 29	4.4
		May 26	14.0	July 22	0.7	Nov. 10	3.4
		June 8	11.0	Aug. 19	0.2		
		June 22	7.5	Sep. 16	1.1		

MASSEY CREEK AT BOWLANDS BAY

Station No. 02DA100

Location: At the culvert on the township road, about
0.5 mile west of the settlement of Bowlands Bay.

Gauge: Measuring point.

Drainage Area: 6.2 square miles.

Period of Record: June 1969 to December 1971.

Remarks: Records fair.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 14	19.8	July 30	11.4	Oct. 27	11.5
		June 25	13.6	Aug. 27	9.7	Nov. 23	15.2
				Sep. 26	10.3		

MCGREGOR CREEK NEAR RIDGETOWN

Station No. 02GE103

Location: At the concrete culvert on concession 5,
Township of Howard, about 4 miles northwest of the
Town of Ridgetown.

Gauge: Staff.

Drainage Area: 10.1 square miles.

Period of Record: May 1971 to December 1971.

Remarks: Records fair.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 18	2.4	July 7	1.1	Oct. 26	1.7
		May 26	4.5	July 13	0.7	Nov. 24	4.1
		June 3	3.6	July 21	0.6		
		June 8	2.7	July 27	0.6		
		June 17	2.9	Aug. 5	0.3		
		June 22	1.4	Aug. 10	0.1		
		June 29	1.5	Aug. 18	0.8		
				Aug. 24	5.2		
				Sep. 1	1.8		
				Sep. 8	1.0		
				Sep. 21	4.7		

MISSISSAGUA RIVER NEAR BUCKHORN

Station No. 02HH103

Location: At the bridge on Hwy. 36, about 1 mile east
of the Hamlet of Buckhorn.

Gauge: Measuring point.

Drainage Area: 156 square miles.

Period of Record: April 1971 to December 1971.

Remarks: Records fair.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 21	1120	July 6	70.1	Oct. 26	117
		Apr. 28	878	July 19	43.6	Nov. 8	96.5
		May 5	275	July 21	37.8	Nov. 23	64.0
		May 13	107	July 27	87.9	Nov. 25	61.1
		May 19	93.7	Aug. 4	82.4		
		May 25	91.1	Aug. 5	71.3		
		May 26	95.5	Aug. 12	147		
		June 2	78.9	Aug. 17	111		
		June 8	75.1	Aug. 31	72.3		
		June 9	26.0	Sep. 1	76.7		
		June 16	103	Sep. 14	31.1		
		June 22	151	Sep. 17	57.6		
		June 28	171	Sep. 28	34.7		

MOOSE CREEK AT LEVACK

Station No. 02CF102

Location: About 500 feet upstream from the confluence
with the Onaping River in the Town of Levack.

Gauge: Measuring point.

Drainage Area: 15.6 square miles.

Period of Record: September 1969 to December 1971.

Remarks: Records fair.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 12	41.7	July 29	35.2	Oct. 27	7.5
		June 26	16.7	Aug. 30	9.6		
				Sep. 26	6.5		

MOUNT ALBERT CREEK NEAR MOUNT ALBERT

Station No. 02EC104

Location: At the bridge on Doanes Side Road, about 2.5 miles north of the Police Village of Mount Albert.

Gauge: Staff.

Drainage Area: 24.3 square miles.

Period of Record: July 1970 to December 1971.

Remarks: Records fair.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 6	49.1	July 8	5.2	Oct. 6	10.1
		Apr. 16	29.0	July 14	4.0	Oct. 22	9.3
		Apr. 21	23.9	July 28	4.9	Nov. 23	11.3
		Apr. 30	17.9	Aug. 3	3.3		
		May 28	14.7	Aug. 9	6.4		
		June 15	5.2	Aug. 16	5.7		
		June 25	5.0	Aug. 24	7.3		
		June 29	4.4	Sep. 24	11.3		

NEWBIGGIN CREEK AT GLENCOE

Station No. 02GE101

Location: At the township road bridge about 0.5 mile east of Hwy. 80, and 1 mile south of the Hamlet of Glencoe.

Gauge: Measuring point.

Drainage Area: 3.0 square miles.

Period of Record: May 1971 to December 1971.

Remarks: Records poor.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 18	N.F.	July 7	N.F.	Oct. 26	0.2
		May 26	0.1	July 13	N.F.	Nov. 24	0.5
		June 3	0.6	July 21	N.F.		
		June 8	N.F.	July 27	N.F.		
		June 16	N.F.	Aug. 5	N.F.		
		June 22	N.F.	Aug. 10	N.F.		
		June 29	N.F.	Aug. 18	N.F.		
				Aug. 24	N.F.		
				Sep. 1	N.F.		
				Sep. 8	N.F.		
				Sep. 21	N.F.		

NOGIES CREEK NEAR BOBCAYGEON

Station No. 02HH101

Location: At a private bridge crossing about 1.5 miles north of Hwy. 36, approximately 5 miles northeast of the Village of Bobcaygeon.

Gauge: Staff.

Drainage Area: 67.3 square miles.

Period of Record: April 1971 to December 1971.

Remarks: Records good. Discharge affected by regulation.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 21	467	July 2	28.9	Oct. 25	34.7
		Apr. 28	314	July 6	33.6	Oct. 26	33.8
		May 5	221	July 7	32.9	Nov. 8	22.8
		May 13	153	July 15	24.3	Nov. 23	16.4
		May 19	17.7	July 27	39.9	Dec. 7	15.3
		May 25	47.1	Aug. 4	35.6		
		May 26	48.0	Aug. 5	38.6		
		June 2	47.7	Aug. 12	17.7		
		June 8	40.7	Aug. 17	15.4		
		June 9	26.8	Aug. 23	0.2		
		June 16	26.2	Aug. 31	12.3		
		June 22	23.3	Sep. 1	10.2		
		June 28	34.6	Sep. 14	18.5		
				Sep. 17	21.1		
				Sep. 28	23.6		

ONAPING RIVER AT DOWLING

Station No. 02CF104

Location: At the township road bridge about 1.5 miles
northeast of the settlement of Dowling.

Gauge: Measuring point.

Drainage Area: 881 square miles.

Period of Record: June 1969 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 12	1002	July 29	118	Oct. 27	82.0
		June 25	231	Aug. 30	72.5		
				Sep. 25	52.1		

OUSE RIVER AT NORWOOD

69

Station No. 02HJ103

Location: About 40 feet downstream from the Canadian Pacific Railways bridge in the Village of Norwood.

Gauge: Staff.

Drainage Area: 29.6 square miles.

Period of Record: June 1971 to December 1971.

Remarks: Records good.
Daily gauge reader.

1971								
Day	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Day
1			6.3	3.9	3.9	4.3	9.4	1
2			5.8	3.2	3.2	4.7	8.2	2
3	32.4		5.0	2.5	3.2	5.0	7.6	3
4			3.7	2.7	3.2	5.0	8.2	4
5			3.9	2.9	2.5	4.5	7.6	5
6			12.5	3.1	3.1	4.7	7.6	6
7		17.9	4.1	2.5	3.1	5.8	11.8	7
8			3.4	2.2	2.9	5.0	13.4	8
9	31.2		2.5	2.4	2.9	4.5	13.9	9
10			2.1	1.3	7.4	4.7	20.0	10
11			2.1	0.9	6.8	5.0	45.4	11
12		6.0	1.9	2.5	6.3	5.2	46.4	12
13		7.9	2.1	5.0	5.8	5.2	65.4	13
14		9.0	1.3	5.2	6.3	6.3	56.2	14
15		10.1	1.5	4.7	6.3	6.8	39.9	15
16		11.4	4.5	3.6	13.9	6.8	48.4	16
17	11.0	13.9	2.5	3.1	8.4	7.9	60.7	17
18		13.0	1.5	2.5	5.0	6.8	42.7	18
19		13.9	1.2	2.4	4.5	7.6	32.9	19
20		12.1	0.6	5.2	4.1	9.0	33.8	20
21		10.7	0.5	11.8	4.3	10.7	37.2	21
22		9.7	0.7	12.1	4.5	9.7	34.6	22
23		9.0	2.1	9.4	3.9	8.4	29.5	23
24		9.0	2.5	7.9	5.0	7.6	28.1	24
25		9.0	2.2	6.3	6.8	7.1	28.8	25
26		9.0	3.7	5.6	6.0	6.8	28.1	26
27		10.1	9.4	5.2	6.3	7.6	28.8	27
28		8.7	11.1	4.5	5.8	8.4	26.7	28
29	21.2	8.4	7.4	4.1	5.8	9.0	23.8	29
30		7.9	5.6	3.9	5.4	9.4	22.4	30
31		7.4	4.7		5.6		21.8	31

PENETANGORE RIVER AT KINCARDINE

Station No. 02FD100

Location: At the concrete bridge on Russel Street in the Town of Kincardine.

Gauge: Staff.

Drainage Area: 36.5 square miles.

Period of Record: May 1967 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 14	242	July 14	1.5	Oct. 6	1.6
		Apr. 27	65.1	July 29	2.7	Oct. 14	2.8
		May 12	10.7	Aug. 10	4.1	Nov. 2	1.7
		June 2	5.8	Aug. 24	1.2	Nov. 4	1.2
		June 16	1.9	Sep. 2	1.4	Nov. 17	3.0
				Sep. 15	1.3		

**PENETANGORE RIVER NEAR KINCARDINE
(BERVIE BRANCH)**

Station No. 02FD105

Location: At the bridge on concession 3, Township of Kincardine, about 1 mile southeast of the Town of Kincardine.

Gauge: Staff.

Drainage Area: 17.8 square miles.

Period of Record: August 1969 to December 1971.

Remarks: Records fair.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 14	61.5	July 14	N.F.	Oct. 6	0.5
		Apr. 27	22.1	July 29	N.F.	Oct. 14	0.5
		May 12	4.1	Aug. 10	N.F.	Nov. 3	N.F.
		June 2	1.6	Aug. 24	N.F.	Nov. 4	N.F.
		June 16	0.4	Sep. 2	N.F.	Nov. 17	0.3
				Sep. 15	N.F.		

PENETANGORE RIVER NEAR KINCARDINE
(MILLARTON BRANCH)

Station No. 02FD104

Location: At the culvert on Side Road 1, Township of Kincardine, about 0.5 mile east of the Town of Kincardine.

Gauge: Staff.

Drainage Area: 6.9 square miles.

Period of Record: August 1968 to December 1971.

Remarks: Records fair.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 27	9.6	July 14	0.6	Oct. 6	0.5
		May 12	2.3	July 29	0.3	Oct. 14	1.4
		June 2	1.1	Aug. 10	1.8	Nov. 2	0.3
		June 16	0.4	Aug. 24	0.3	Nov. 4	1.8
				Sep. 15	0.2	Nov. 17	0.5

PINE RIVER NEAR AMBERLEY

Station No. 02FD101

Location: At the bridge on Lakeshore Road, about 3.5 miles northeast of the Hamlet of Amberley.

Gauge: Staff.

Drainage Area: 58.8 square miles.

Period of Record: May 1967 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 14	563	July 14	N.F.	Oct. 6	N.F.
		Apr. 27	66.3	July 29	0.6	Oct. 15	0.1
		June 3	4.4	Aug. 10	N.F.	Nov. 18	0.4
		June 9	6.0	Aug. 24	N.F.	Nov. 30	6.8
		June 16	1.2	Sep. 2	N.F.		
				Sep. 16	N.F.		

PLATO CREEK AT HWY. 7 NEAR HAVELOCK

Station No. 02HK107

Location: At the concrete culvert on Hwy. 7, about 2 miles east of the Village of Havelock.

Gauge: Measuring point.

Drainage Area: 13.1 square miles.

Period of Record: May 1971 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 6	23.2	July 7	2.5	Oct. 15	N.F.
		May 18	12.7	July 20	2.1	Oct. 26	N.F.
		May 27	10.4	July 28	1.7	Nov. 9	N.F.
		June 3	11.4	Aug. 6	0.9	Nov. 24	N.F.
		June 9	6.1	Aug. 13	0.3		
		June 17	1.9	Aug. 24	0.1		
		June 29	3.0	Sep. 2	N.F.		
				Sep. 15	N.F.		
				Sep. 29	N.F.		

POTTAWATOMI RIVER AT OWEN SOUND

Station No. 02FB102

Location: At the bridge on 14th. Street West in the
City of Owen Sound.

Gauge: Wire weight.

Drainage Area: 22.6 square miles.

Period of Record: May 1967 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 13	404	July 8	6.2	Oct. 6	3.0
		Apr. 14	280	July 14	6.9	Oct. 14	3.1
		Apr. 27	68.8	July 28	10.3	Nov. 2	3.0
		May 12	19.8	Aug. 9	3.4	Nov. 4	3.0
		June 2	21.9	Aug. 24	3.2	Nov. 17	5.3
		June 9	18.3	Sep. 1	3.0		
		June 16	11.6	Sep. 15	2.9		

POTTERSBURO CREEK AT LONDON

Station No. 02GD102

Location: At the bridge on Hamilton Road, about 0.1 mile east of the intersection with Gore Road in the City of London.

Gauge: Staff.

Drainage Area: 17.4 square miles.

Period of Record: May 1971 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 17	4.9	July 7	3.2	Oct. 27	2.7
		May 25	10.1	July 12	3.2	Nov. 25	3.9
		June 3	8.1	July 22	2.0	Dec. 8	4.1
		June 7	5.4	July 26	5.3		
		June 16	4.6	Aug. 5	2.2		
		June 21	5.0	Aug. 9	1.7		
		June 28	3.6	Aug. 18	3.6		
				Aug. 23	12.4		
				Sep. 1	2.5		
				Sep. 7	1.6		
				Sep. 22	2.2		

PRINGLE CREEK AT WHITBY

Station No. 02HD108

Location: At the old steel bridge below Victoria Street
East, in the Town of Whitby.

Gauge: Staff.

Drainage Area: 8.3 square miles.

Period of Record: July 1966 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Jan. 12	4.3	Apr. 26	7.3	July 13	4.1	Oct. 12	8.4
Feb. 8	7.3	Apr. 28	6.6	July 20	4.3	Oct. 26	13.1
Mar. 8	27.0	May 13	5.5	July 27	6.9	Oct. 28	7.7
Mar. 16	97.7	May 25	8.2	July 30	3.7	Nov. 17	7.4
Mar. 25	19.4	June 1	3.5	Aug. 18	4.1	Nov. 24	5.6
Mar. 29	21.2	June 22	4.6	Aug. 19	4.1	Dec. 9	17.5
		June 24	3.0	Aug. 31	3.0		
				Sep. 27	6.6		

RAWDON CREEK AT HWY. 33

Station No. 02HK105

Location: At the bridge on Hwy. 33, about 1 mile south
of the Village of Stirling.

Gauge: On-Stream Recorder.

Drainage Area: 66.3 square miles.

Period of Record: June 1970 to November 1971.

Remarks: Records good. Temporary on-stream recorder
installed June 1 to November 13, 1971.

1971								
Day	May	June	July	Aug.	Sep.	Oct.	Nov.	Day
1		27.1	16.7	9.2	5.0	11.8	17.2	1
2		25.6	10.0	6.4	4.7	10.9	16.7	2
3		33.8	1.6	5.0	4.7	9.6	17.7	3
4		36.4	2.5	3.7	4.7	10.9	16.2	4
5		32.5	9.6	3.4	6.0	10.0	15.6	5
6		27.5	16.7	3.0	8.8	11.4	16.2	6
7		25.6	19.8	2.7	12.8	13.7	18.2	7
8		26.2	14.6	2.5	16.7	13.2	19.3	8
9		40.5	11.4	2.5	11.8	13.2	18.2	9
10		30.6	9.6	3.7	9.2	24.4	18.2	10
11		26.2	9.6	2.7	7.6	27.5	19.3	11
12		25.0	10.5	2.5	6.4	22.7	19.3	12
13		25.0	12.8	2.5	6.8	19.8	18.9	13
14		23.9	16.7	3.4	8.8	21.0		14
15		25.0	17.7	2.3	9.6	22.7		15
16		23.9	14.6	4.0	8.4	20.4		16
17		22.1	14.1	2.7	7.2	18.8		17
18		20.4	12.8	1.8	7.6	17.2		18
19		19.8	11.4	1.4	7.2	16.2		19
20		19.3	10.0	1.4	25.0	15.1		20
21		23.3	10.9	1.6	65.8E	14.6		21
22		23.3	10.9	2.0	45.5	14.6		22
23		19.8	10.0	2.7	28.1	14.6		23
24		18.2	10.0	2.7	20.4	15.1		24
25		20.4	10.5	3.0	22.7	23.3		25
26		39.1	10.0	4.4	15.1	29.9		26
27		29.3	10.0	14.1	13.7	26.2		27
28		21.5	9.6	12.3	12.8	23.3		28
29		18.8	8.8	8.8	13.7	26.2		29
30		17.7	8.4	6.8	13.2	24.4		30
31			8.8	6.4		17.7		31

REDHILL CREEK AT HAMILTON

Station No. 02HB107

Location: At the bridge on Barton Street in the City
of Hamilton.

Gauge: Staff.

Drainage Area: 20.4 square miles.

Period of Record: May 1968 to December 1971.

Remarks: Records fair.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 15	1380	Apr. 6	10.7	July 7	1.6	Oct. 5	0.4
		Apr. 16	8.4	July 13	0.9	Oct. 8	0.4
		Apr. 20	6.3	July 21	0.6	Oct. 19	1.0
		Apr. 30	5.1	July 27	0.7	Oct. 28	1.5
		May 18	3.2	Aug. 10	0.4	Nov. 2	2.2
		June 1	2.1	Aug. 12	0.8	Nov. 9	0.9
		June 3	4.5	Aug. 25	5.4	Nov. 16	1.0
		June 15	1.9	Sep. 7	1.1	Nov. 22	0.9
		June 16	1.5	Sep. 21	1.2	Nov. 30	3.4
		June 29	1.0	Sep. 23	1.0	Dec. 9	6.1
						Dec. 16	2.5

ROBERTS RIVER NEAR MILNET STATION

Station No. 02CF105

Location: At the bridge on Hwy. 544, about 2 miles west of Milnet Station.

Gauge: Measuring point.

Drainage Area: 71.4 square miles.

Period of Record: June 1969 to December 1971.

Remarks: Records fair. Discharge affected by regulation.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 11	335	July 27	16.6	Oct. 26	16.7
		June 24	62.4	Sep. 25	8.7	Nov. 24	24.6

ROCHESTER CREEK ABOVE QUIRKE LAKE

Station No. 02CD112

Location: At the mouth of Rochester Creek, about 8 miles northeast of Elliot Lake townsite.

Gauge: Staff.

Drainage Area: 40.0 square miles.

Period of Record: June 1966 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 4	69.2	July 5	14.3	Oct. 21	13.1
		May 5	281	Aug. 3	10.8	Oct. 30	15.5
		May 18	89.4	Aug. 31	9.8	Nov. 4	23.8
		June 4	75.6	Sep. 29	9.3	Nov. 27	44.1
		June 22	32.3			Dec. 6	29.5

ROCKY SAUGEEN RIVER BELOW MARKDALE

Station No. 02FC100

Location: At the culvert on Side Road 100, Township of
Glenelg, about 0.3 mile southwest of the Village of
Markdale.

Gauge: Staff.

Drainage Area: 35.6 square miles.

Period of Record: July 1967 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		June 4	64.8	July 6	55.9	Oct. 14	34.3
		June 17	92.4	July 15	48.2	Nov. 2	27.8
				July 29	50.5	Nov. 17	31.2
				Aug. 10	35.8		
				Aug. 25	43.8		
				Sep. 15	31.9		

SALEM CREEK NEAR COLBORNE

Station No. 02HD101

Location: About 500 feet upstream from the bridge on Blyth Road, approximately 1.5 miles southeast of the Village of Colborne.

Gauge: Staff.

Drainage Area: 3.5 square miles (revised).

Period of Record: November 1965 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 23	8.2	Apr. 19	12.6	July 9	3.5	Oct. 27	4.3
Mar. 29	5.2	Apr. 27	5.2	July 21	4.6	Oct. 28	4.5
Mar. 31	10.0	May 27	4.8	July 23	2.3	Nov. 24	2.9
		June 11	4.8	Aug. 19	6.6	Dec. 21	8.1
		June 24	4.0	Aug. 26	3.7		
		June 28	4.0	Sep. 9	3.5		
				Sep. 26	6.9		
				Sep. 27	6.9		

SHADOW RIVER NEAR ROSSEAU

Station No. 02EB102

Location: At the bridge on Nipissing Road, about 2.5 miles northwest of the Village of Rosseau.

Gauge: Measuring point.

Drainage Area: 11.2 square miles.

Period of Record: April 1969 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 23	141	July 14	0.3	Nov. 2	0.2
		May 5	38.8	July 28	0.6	Nov. 24	8.5
		May 27	13.5	Aug. 18	0.1		
		June 10	16.1	Sep. 22	0.3		
		June 22	0.8				

SILVER CREEK BELOW SEAFORTH

Station No. 02FF100

Location: At the bridge on concession 2, Township of Tuckersmith, about 0.5 mile southeast of the Town of Seaforth.

Gauge: Staff.

Drainage Area: 5.5 square miles.

Period of Record: May 1967 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 14	26.8	July 5	1.4	Oct. 6	1.0
		Apr. 28	7.7	July 8	1.6	Oct. 15	1.0
		May 27	2.5	July 14	0.8	Nov. 3	0.7
		June 9	5.7	Aug. 4	0.8	Nov. 4	0.9
		June 10	7.9	Aug. 5	1.0	Nov. 18	0.8
		June 24	1.7	Aug. 19	1.3	Nov. 28	2.4
				Sep. 2	1.2		
				Sep. 16	0.9		
				Sep. 28	1.0		

SIX MILE CREEK NEAR ST. CATHARINES

Station No. 02HA102

Location: At the culvert on Lakeshore Road, about 2.5 miles east of the City of St. Catharines.

Gauge: Staff.

Drainage Area: 8.1 square miles.

Period of Record: September 1966 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 15	170	Apr. 16	1.8	July 7	N.F.	Oct. 8	0.1
Mar. 24	7.4	Apr. 19	1.3	July 21	0.2	Oct. 13	0.2
		Apr. 30	2.2	Aug. 9	N.F.	Oct. 19	0.1
		May 31	0.3	Aug. 12	N.F.	Oct. 28	0.6
		June 3	12.4	Aug. 25	0.6	Nov. 9	0.2
		June 16	0.5	Sep. 14	2.6	Nov. 9	0.3
				Sep. 23	0.6	Nov. 22	1.3
						Dec. 8	4.5
						Dec. 9	3.9

SMITHFIELD CREEK NEAR BRIGHTON

Station No. 02HD109

Location: At the concrete culvert on Northumberland
County Road 64, about 2.5 miles east of the Town
of Brighton.

Gauge: Staff.

Drainage Area: 7.3 square miles (revised).

Period of Record: May 1970 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 23	18.0	Apr. 19	24.2	July 9	2.7	Oct. 10	5.7
Mar. 29	12.3	May 27	9.6	July 23	2.4	Oct. 27	5.1
Mar. 31	15.0	June 11	3.9	July 27	3.3	Nov. 24	5.1
		June 23	3.4	Aug. 19	1.8		
		June 24	3.3	Aug. 26	2.1		
				Sep. 9	1.9		
				Sep. 26	2.5		
				Sep. 27	2.2		

SNELGROVE BROOK NEAR LAKEFIELD

Station No. 02HH105

Location: At the culvert on the side road 28-29,
Township of Smith, about 2 miles north of the Village
of Lakefield.

Gauge: No gauge.

Drainage Area: 17.3 square miles.

Period of Record: April 1971 to December 1971.

Remarks: Periodic discharge measurements only.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 22	68.8	July 7	2.7	Oct. 14	0.8
		Apr. 29	32.1	July 19	1.1	Oct. 25	0.9
		May 7	18.2	July 28	0.9	Nov. 8	0.8
		May 12	11.0	Aug. 5	1.0	Nov. 23	4.7
		May 20	9.4	Aug. 13	0.3	Dec. 7	4.9
		May 27	6.4	Aug. 23	0.2		
		June 3	5.7	Sep. 1	0.2		
		June 8	2.3	Sep. 14	0.3		
		June 17	0.6	Sep. 28	0.4		
		June 29	2.0				

SQUAW RIVER AT HWY. 36

Station No. 02HH102

Location: At the bridge on Hwy. 36, about 8 miles east
of Bobcaygeon.

Gauge: Staff.

Drainage Area: 73.6 square miles.

Period of Record: April 1971 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 21	777	July 15	N.F.	Oct. 25	N.F.
		May 5	264	July 27	N.F.	Nov. 8	N.F.
		May 19	61.9	Aug. 4	N.F.	Nov. 23	N.F.
		June 2	25.0	Aug. 12	N.F.		
		June 16	4.9	Aug. 31	N.F.		
		June 28	6.7	Sep. 14	N.F.		
				Sep. 17	N.F.		
				Sep. 28	N.F.		

STONE CREEK BELOW SELKIRK

Station No. 02GC100

Location: At the bridge on Haldimand County Road 7,
about 0.3 mile south of the Hamlet of Selkirk.

Gauge: Staff.

Drainage Area: 45.5 square miles.

Period of Record: April 1967 to December 1971.

Remarks: Records fair.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 30	124	Apr. 21	5.0	July 5	N.F.	Oct. 14	0.1
		May 4	2.4	July 13	N.F.	Oct. 27	0.1
		June 1	2.2	July 19	N.F.	Nov. 18	0.3
		June 2	2.2	Aug. 3	N.F.	Nov. 26	0.3
		June 14	1.0	Aug. 16	N.F.		
				Aug. 30	N.F.		
				Sep. 23	0.1		

STONEY CREEK BELOW STONEY CREEK

Station No. 02HB108

Location: At the culvert on Barton Street below the
Town of Stoney Creek.

Gauge: Staff.

Drainage Area: 11.2 square miles.

Period of Record: July 1966 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
Mar. 24	20.4	Apr. 16	3.1	July 9	0.2	Oct. 8	0.2
		Apr. 19	2.5	July 12	0.1	Oct. 12	0.1
		Apr. 30	1.4	July 21	N.F.	Oct. 19	0.1
		June 3	0.8	Aug. 9	N.F.	Oct. 28	0.5
		June 16	0.1	Aug. 12	N.F.	Nov. 8	0.2
				Aug. 25	0.9	Nov. 9	0.2
				Sep. 13	0.1	Nov. 22	0.2
				Sep. 23	0.1	Dec. 8	3.0
						Dec. 9	2.9

TALBOT CREEK BELOW IONA

Station No. 02GF100

Location: At the bridge on concession 9, Township of Dunwich, about 2.5 miles southwest of the Hamlet of Iona.

Gauge: Wire weight.

Drainage Area: 32.7 square miles.

Period of Record: May 1967 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 21	15.6	July 5	N.F.	Oct. 18	N.F.
		May 4	7.8	July 14	N.F.	Oct. 27	N.F.
		June 1	1.2	July 19	N.F.	Nov. 17	0.1
		June 14	1.0	Aug. 3	N.F.	Nov. 25	0.1
		June 17	1.2	Aug. 11	N.F.		
				Aug. 16	N.F.		
				Aug. 30	N.F.		
				Sep. 9	N.F.		
				Sep. 22	N.F.		

TALBOT RIVER NEAR GAMEBRIDGE

Station No. 02EC105

Location: About 200 feet downstream of the Trent Canal dam, about 2 miles east of the Hamlet of Gamebridge.

Gauge: None.

Drainage Area: 143 square miles.

Period of Record: April 1971 to December 1971.

Remarks: Discharge affected by regulation in the Trent Canal.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 6	462	July 13	20.8	Oct. 6	54.8
		Apr. 13	1340	Aug. 23	26.3	Oct. 20	379
		Apr. 22	367	Sep. 22	66.3	Nov. 3	117
		May 12	26.1			Nov. 18	65.7
		May 27	181			Nov. 23	51.0

TAY RIVER AT PERTH

Station No. 02LA101

Location: At the bridge on Rogers Road in the Town
of Perth.

Gauge: Staff.

Drainage Area: 257 square miles.

Period of Record: April 1971 to December 1971.

Remarks: Records fair.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 27	617	July 12	137	Oct. 18	43.9
		May 6	625	July 26	151	Nov. 1	42.4
		May 14	502	Aug. 17	120		
		June 6	73.3				
		June 22	95.2				

TELFER CREEK AT LEITH

Station No. 02FB101

Location: At the small footbridge leading to the Golf Club in the Hamlet of Leith.

Gauge: Staff.

Drainage Area: 16.0 square miles.

Period of Record: August 1966 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		Apr. 13	227	July 8	1.0	Oct. 6	2.0
		Apr. 14	100	July 14	2.5	Oct. 14	2.3
		Apr. 27	67.5	July 28	3.0	Nov. 2	1.3
		May 12	21.9	Aug. 5	2.7	Nov. 3	1.3
		June 2	7.6	Aug. 10	1.4	Nov. 17	2.6
		June 9	6.0	Aug. 24	1.4		
		June 16	4.0	Sep. 1	1.6		
				Sep. 15	1.5		

THAMES RIVER NEAR TAVISTOCK

Station No. 02GD101

Location: At the bridge on Hwy. 59, about 0.5 mile south of the Village of Tavistock.

Gauge: Staff.

Drainage Area: 13.4 square miles.

Period of Record: May 1971 to December 1971.

Remarks: Records good.

1971							
Jan. to Mar.		Apr. to June		July to Sep.		Oct. to Dec.	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		May 17	0.9	July 6	1.2	Oct. 15	0.3
		May 25	1.9	July 12	N.F.	Nov. 3	0.5
		June 2	0.7	July 20	N.F.	Nov. 18	1.0
		June 7	0.2	July 26	0.1	Dec. 8	2.8
		June 15	0.1	Aug. 4	N.F.		
		June 21	9.9	Aug. 9	N.F.		
		June 28	0.2	Aug. 17	N.F.		
				Aug. 23	N.F.		
				Aug. 31	N.F.		
				Sep. 7	N.F.		
				Sep. 16	N.F.		

SUMMER GAUGING SITE DATA

AVON RIVER AT STRATFORD

Location: At the bridge on North Easthope Side Road 40,
about 1 mile east of the City of Stratford.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
17	8.1	2	7.5	6	6.8	4	N. F.
25	16.8	7	6.9	12	1.7	9	N. F.
		15	5.4	20	0.9	17	N. F.
		21	8.4	26	0.7	23	N. F.
		28	5.1			31	N. F.
						7*	N. F.

* September

AUSABLE RIVER NEAR CREDITON

Location: At the bridge on Stephen Township Side Road 1,
about 2 miles southeast of the Police Village of
Crediton.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
27	17.0	10	9.4	5	3.8	4	0.2
		23	2.8	21	1.2	18	2.3
						2*	34.1

* September

LITTLE AUSABLE RIVER NEAR LUCAN

Location: At the bridge on Middlesex County Road 22,
about 2 miles west of the Village of Lucan.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
27	4.2	9	2.5	5	N. F.	4	N. F.
		23	1.2	21	N. F.	18	N. F.
						2*	N. F.

* September

BEATTY SAUGEEN RIVER NEAR HANOVER

Location: At the bridge on Side Road 5, Township of
Bentinck, about 2 miles southeast of the Town of
Hanover.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		3	65.6	6	37.6	25	44.2
		17	55.9	15	26.7		
				29	32.2		

BEAVERTON RIVER NEAR UXBRIDGE

Location: At the concrete culvert on Highway 47, about 1.5 miles east of the Town of Uxbridge.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		16	0.7	6	1.0	6	1.1
		24	6.4	16	1.0	13	1.2
		28	13.8			20	1.5
						27	1.0

BIG CREEK NEAR TILBURY

Location: At the bridge on concession 8, Township of Tilbury North, about 2 miles west of the Town of Tilbury.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
18	N. F.	8	N. F.	13	N. F.	10	N. F.
		22	N. F.	27	N. F.	24	0.4

BLACK RIVER NEAR BROWN HILL

Location: Above confluence with Mount Albert Creek,
adjacent to the Scott-E. Gwillimbury Town Line,
about 1 mile south of the Hamlet of Brown Hill.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		15	9.0	8	6.5	9	8.0
		25	8.0	28	6.5	16	6.5
		29	7.6			24	7.0
						1*	6.2

* September

BLACK RIVER NEAR BROWN HILL

Location: Below confluence with Mount Albert Creek,
adjacent to the Scott-E. Gwillimbury Town Line,
about 1 mile south of the Hamlet of Brown Hill.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		25	23.2	8	14.3	9	16.3
		29	18.1	28	17.2	16	15.3
						24	16.9
						1*	13.3

* September

BLACK RIVER NEAR SHARON

Location: At the culvert on Toronto-York County Road 13, about 2 miles east of the Police Village of Sharon.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		15	12.0	8	6.2	3	4.3
		25	13.8	14	5.0	16	5.1
		29	11.7	28	4.4	24	6.3
						1*	3.9

* September

BLACK CREEK NEAR HULBERT

Location: At the bridge on Dundas County Road 2, about 1.5 miles south of the settlement of Hulbert.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
17	25.5	14	N. F.	5	N. F.	10	N. F.
31	5.0			19	N. F.		

CANARD RIVER NEAR RIVER CANARD

Location: At the bridge on concession 6, Township of Anderdon, about 3 miles southeast of the Hamlet of River Canard.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
19	N. F.	9	2.1	14	N. F.	11	N. F.
		23	0.2	28	N. F.	25	N. F.

CARP RIVER NEAR FITZROY HARBOUR

Location: At the bridge on Carleton County Road 21, about 0.1 mile east of the Hamlet of Fitzroy Harbour.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
27	31.4	7	118	14	3.1	18	6.3
		24	6.8	28	9.2		

EAST CASTOR RIVER NEAR MARVELVILLE

Location: At the bridge on Carleton County Road 4, about 2.7 miles east of the Hamlet of Marvelville.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
18	15.5	1	3.6	7	1.3	11	0.3
		15	2.0	20	0.9	26	N. F.

MIDDLE CASTOR RIVER NEAR METCALFE

Location: At the bridge on concession 8, Township of Osgoode, about 1 mile southeast of the Police Village of Metcalfe.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
19	7.5	2	8.2	7	N. F.	11	N. F.
		16	1.2	20	N. F.	26	N. F.

NORTH CASTOR RIVER NEAR METCALFE

Location: At the bridge on Carleton County Road 6, about 3 miles east of the Police Village of Metcalfe.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
19	10.8	2	7.4	7	1.8	11	1.4
		15	5.2	20	2.8	26	2.7

SOUTH CASTOR RIVER NEAR KENMORE

Location: At the bridge on Carleton County Road 29 in the Police Village of Kenmore.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
19	24.7	2	12.5	7	3.3	11	0.8
		16	5.9	20	2.7	26	2.3

CASTOR RIVER NEAR EMBRUN

Location: At the bridge on concession 8, Township of Russell, about 1 mile east of the Police Village of Embrun.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
18	130	1	40.3	20	N. F.	11	N. F.
		14	1.6			26	N. F.

CEDAR CREEK NEAR ARNER

Location: At the bridge on Cedar Creek Road, Township of South Colchester, about 1.5 miles northwest of the Hamlet of Arner.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
19	1.1	9	0.3	14	N. F.	11	N. F.
		23	0.1	28	N. F.	25	N. F.

CONSTAN CREEK NEAR DACRE

Location: At the bridge on Highway 132, about 1.5 miles east of the Hamlet of Dacre.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
27	62.9	7	21.4	15	5.9	18	7.8
		24	21.0	28	18.8		

DICKINSON CREEK NEAR PENDLETON

Location: At the bridge on concession 8, Township of North Plantagenet, about 1 mile northeast of the Hamlet of Pendleton.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
				8	2.3	10	4.5
				20	1.9	24	2.2

DINGMAN CREEK AT LONDON

Location: At the bridge on Wellington Road, 0.7 mile south of Highway 401 in the City of London.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
17	2.7	3	2.7	7	0.4	5	N. F.
25	5.1	7	2.0	12	0.2	9	N. F.
		16	1.1	21	0.1	18	N. F.
		21	1.4	26	0.2	23	N. F.
		28	0.4			1*	N. F.
						7*	N. F.

* September

FALL RIVER NEAR FALLBROOK

Location: At the bridge on Lanark County Road 7 near the Hamlet of Fallbrook.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
26	248	6	163	12	26.1	17	6.7
		23	57.3	26	22.9		

GRAND RIVER AT KELDON

Location: At the concrete bridge on Highway 89 in the Hamlet of Keldon.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		4	6.3	6	1.5	12	1.0
		15	26.3	13	0.4	25	N. F.
				27	1.0		

HAY CREEK AT HIGHWAY 24

Location: At the concrete culvert on Highway 24, about 2 miles north of the Hamlet of Port Ryerse.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		1	1.0	5	N. F.	3	N. F.
		14	0.6	19	0.1	16	N. F.
						30	N. F.

HICKORY CREEK AT FOREST

Location: At the concrete bridge on Highway 21 in the Town of Forest.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
26	N. F.	9	N. F.	5	N. F.	4	N. F.
		23	N. F.	21	N. F.	18	N. F.
						2*	N. F.

* September

HOLLAND RIVER AT NEWMARKET

Location: At the bridge on Queen Street in the Town of Newmarket.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		15	9.0	8	8.8	3	6.5
		25	7.8	14	6.9	9	7.1
		29	8.9	28	6.8	16	6.4
						24	9.3

HOLLAND RIVER TRIBUTARY AT NEWMARKET

Location: At the bridge at Gorham and Hamilton Streets
in the Town of Newmarket.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		15	2.1	8	2.0	3	1.7
		25	2.6	14	1.9	9	1.7
		29	2.7	28	1.9	16	1.8
						24	1.8
						1*	1.6

* September

JEANNETTES CREEK NEAR MERLIN

Location: At the concrete culvert on Kent County Road 8
(Highway 98) about 0.6 mile west of the Police
Village of Merlin.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
18	N. F.	4	N. F.	7	0.1	5	N. F.
26	N. F.	8	N. F.	13	N. F.	10	N. F.
		17	N. F.	21	N. F.	18	N. F.
		22	N. F.	27	N. F.	24	N. F.
		29	0.1			1*	N. F.
						8*	N. F.

* September

JOCK RIVER NEAR DWYER HILL

Location: At the bridge on Carleton County Road 10,
about 1 mile east of the Hamlet of Dwyer Hill.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
26	22.1	2	9.1	12	N. F.	11	N. F.
		23	0.6	27	N. F.		

KINGS CREEK NEAR DWYER HILL

Location: At the bridge on Side Road 5, Township of Goulbourn,
about 1 mile south of the Hamlet of Dwyer Hill.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
26	13.2	2	2.9	12	N. F.	17	N. F.
		23	0.3	27	N. F.		

McCURRY LAKE OUTLET AT PARRY SOUND

Location: At the culvert on Emily Street in the Town of Parry Sound.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
27	1.5	10	1.3	14	0.3	18	1.1
		27	0.6	28	0.5		

MILL CREEK AT L'ORIGINAL

Location: At the culvert on Highway 17 in the Village of L'Original.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
18	10.1	1	5.1	5	1.1	10	1.5
		15	2.4	19	1.7	24	1.6

MISSISSIPPI RIVER NEAR GALETTA

Location: At the bridge on Carleton County Road 22 in the Village of Galetta.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
27	1900	7	816	15	317	18	169

MISSISSIPPI RIVER NEAR PLAYFAIR

Location: At the bridge on Lanark County Road 12, 0.1 mile east of the settlement of Playfair.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
26	997	23	279	12	203	17	136
				26	183		

NOISY RIVER AT DUNEDIN

Location: At the bridge on Simcoe County Road 9 in the Hamlet of Dunedin.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		1	32.0	13	19.9	23	16.8
		15	20.6	27	14.5		

NOTTAWASAGA RIVER AT EDENVALE

Location: At the bridge on Highway 26 in the Hamlet of Edenvale.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		9	510	13	305	17	187
		23	341	27	385		

OSHAWA CREEK (EAST BRANCH) AT OSHAWA

Location: At the bridge on Simcoe Street about 0.5 mile north of Taunton Road in the City of Oshawa.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		21	4.0	12	3.6	18	3.8
				20	3.3	31	3.4
				30	3.3		

PAYNE RIVER NEAR BERWICK

Location: At the bridge on concession 6, Township of Finch, about 1 mile northeast of the Hamlet of Berwick.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
17	20.3	14	5.1	5	N. F.	10	N. F.
31	8.7			19	0.9		

PEPPERLAW BROOK NEAR SANDFORD

Location: At the bridge on Toronto-York County Road 11,
about 2 miles west of the Hamlet of Sandford.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		16	12.3	6	16.5	20	8.6
		24	11.6	16	15.7	27	9.6

PERCY CREEK AT MEYERSBURG

Location: At the bridge on Highway 30 in the Hamlet of
Meyersburg.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		24	21.1	9	24.6	9*	16.4
				27	17.2		

* September

PIKE CREEK NEAR WINDSOR

Location: At the bridge on Highway 2, about 1.5 miles east of the City of Windsor.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
19	N. F.	9	0.2	14	N. F.	11	N. F.
		23	N. F.	28	N. F.	25	N. F.

PINE RIVER AT ANGUS

Location: At the bridge on King Street in the Police Village of Angus.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		9	93.7	13	58.0	17	52.0
		23	81.3	27	75.4		

PUCE RIVER NEAR WINDSOR

Location: At the bridge on Highway 2, about 4 miles east of the City of Windsor.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
19	N. F.	9	0.1	14	N. F.	11	N. F.
		23	0.1	28	N. F.	25	N. F.

RAMBO CREEK AT BURLINGTON

Location: At the bridge on Lakeshore Road in the Town of Burlington.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		16	0.9	7	0.4	12	0.4
				21	0.3	25	1.7

ROUGE RIVER NEAR HIGHLAND CREEK

Location: At the steel bridge on Side Road 9, Township of Scarborough, about 2.5 miles east of the Hamlet of Browns Corners.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		22	7.5	12	6.2	18	7.0
				20	5.9	31	4.8
				30	5.5		

LITTLE ROUGE RIVER NEAR HIGHLAND CREEK

Location: At the steel bridge on Kirkhams Road, about 0.5 mile north of Finch Avenue and 3 miles east of Browns Corners.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		22	5.7	12	4.2	18	4.0
				20	3.2	31	2.7
				30	3.9		

RUSCOM RIVER NEAR RUSCOM

Location: At the bridge on Essex County Road 46 (Highway 98), about 0.3 mile east of the Hamlet of Ruscom.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
18	0.1	8	1.7	13	0.2	10	N. F.
		22	1.4	27	0.1	24	N. F.

SAUBLE RIVER NEAR ALLENFORD

Location: At the side of Highway 21, about 0.3 mile west of the Police Village of Allenford.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		2	36.1	14	26.6	9	14.2
		16	33.0	28	34.6	24	10.5

SAUGEEN RIVER NEAR PRICEVILLE

Location: At the bridge on concession 2, Township of Glenelg, about 1.5 miles southeast of the Police Village of Priceville.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		4	21.7	6	6.3	10	1.0
		17	38.6	15	4.6	25	5.2
				29	10.0		

SAUGEEN RIVER NEAR DURHAM

Location: On the steel bridge on concession 3, Township of Bentinck, about 1.5 miles northwest of the Town of Durham.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		3	77.7	6	53.8	10	35.5
		17	113	15	43.7	25	38.7
				29	54.5		

NORTH SAUGEEN RIVER NEAR PAISLEY

Location: At the bridge on concession 6, Township of Elderslie, about 2 miles northeast of the Village of Paisley.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		3	127	14	78.7	11	39.3
				28	101	24	25.6

SOUTH SAUGEEN RIVER NEAR MOUNT FOREST

Location: At the bridge on Side Road 1, Township of Arthur, about 0.6 mile southwest of the Town of Mount Forest.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		4	28.8	6	37.9	12	12.3
		17	105	15	18.0	25	13.2
				29	15.2		

SCOTCH RIVER NEAR STE. ROSE DE PRESCOTT

Location: At the bridge on Prescott County Road 3, about 1.5 miles east of the Hamlet of Ste. Rose de Prescott.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
17	12.0	14	5.2	5	1.2	10	0.5
31	5.6			19	1.8		

SOUTH NATION RIVER NEAR CASSELMAN

Location: At the bridge on Russell County Road 3, 0.1 mile northwest of the Village of Casselman.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
17	173	14	5.8	5	N. F.	10	N. F.
31	123			19	N. F.		

SOUTH NATION RIVER TRIBUTARY AT INKERMEN

Location: At the bridge on Dundas County Road 3, in the Hamlet of Inkerman.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
17	29.2	14	6.4	5	0.5	10	N. F.
31	9.6			19	0.1		

STORY CREEK AT NORTH BROOK

Location: At the bridge on Highway 41 in the settlement of North Brook.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
27	18.0	9	7.4	7	3.2	19	1.6
		23	5.6	23	0.8		

STURGEON RIVER NEAR STURGEON BAY

Location: At the township road bridge about 0.25 mile upstream from the Hamlet of Sturgeon Bay.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		9	36.1	13	33.8	17	22.3
		23	30.2	27	71.9		

SYDENHAM RIVER TRIBUTARY BELOW STRATHROY

Location: At the bridge on Middlesex County Road 2, about 1 mile west of the Hamlet of Cairngorm.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
26	11.5	9	9.2	5	3.8	4	1.4
		23	5.6	21	3.0	18	1.8
						1*	2.7

* September

TEESWATER RIVER ABOVE PAISLEY

Location: At the bridge on Side Road 46, concession A, Township of Greenock, about 2.5 miles south of the Village of Paisley.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		3	134	14	81.6	11	74.6
		16	91.6	28	172	24	22.6

TEESWATER RIVER NEAR RIVERSDALE

Location: At the bridge on Highway 9, about 0.1 mile east of the Village of Riversdale.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		3	102	6	57.7	24	44.8
		17	65.7	15	34.5		
				29	95.6		

THAMES RIVER TRIBUTARY AT EMBRO
(NORTH BRANCH CREEK)

Location: At the bridge on Oxford County Road 6, about 0.1 mile north of the Canadian Pacific Railways bridge, in the Village of Embro.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
17	4.1	2	9.4	6	6.1	4	0.8
25	15.4	7	8.0	12	1.3	9	3.7
		15	7.4	20	1.9	17	4.0
		21	29.7	26	2.6	23	5.9
		28	6.2			31	3.4
						7*	3.7

* September

THAMES RIVER TRIBUTARY AT LONDON

Location: At the bridge on concession 1, Township of West Nissouri, adjacent to London Airport.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
17	1.3	3	1.1	7	0.4	5	0.2
25	1.6	7	0.7	12	0.3	9	0.1
		16	0.7	21	0.2	18	N. F.
		21	0.6	26	0.2	24	N. F.
		28	0.6			1*	N. F.
						7*	N. F.

* September

THAMES RIVER TRIBUTARY AT BOTHWELL

Location: At the culvert on Highway 2, about 1.5 miles south of the Town of Bothwell.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
18	0.8	3	1.2	7	0.2	5	0.1
26	0.9	8	0.9	13	0.3	10	0.2
		16	0.6	21	0.1	18	0.2
		22	0.6	27	0.2	24	0.2
		29	0.3			1*	0.4
						8*	0.3

* September

THAMES RIVER TRIBUTARY NEAR HIGHGATE
(ARDWELL CREEK)

Location: At the concrete culvert on concession 7, Oxford Township, about 0.5 mile north of the Village of Highgate.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
18	0.3	3	0.4	7	0.1	5	N. F.
26	0.5	8	0.3	13	N. F.	10	N. F.
		16	0.2	21	N. F.	18	N. F.
		22	0.2	27	N. F.	24	N. F.
		29	0.1			1*	N. F.
						8*	N. F.

* September

TWELVE MILE CREEK NEAR DECEW FALLS

Location: At the bridge on 1st. Street Louth near the Hamlet of DeCew Falls.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		3	24.0	7	8.4	12	3.0
		16	8.0	21	3.8	25	5.9

TWENTY MILE CREEK AT SMITHVILLE

Location: At the bridge on Canborough Street, in the Police Village of Smithville.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		16	1.0	7	0.5	12	N. F.
				21	N. F.	25	N. F.

TURKEY CREEK AT WINDSOR

Location: At the bridge on Malden Road, about 0.1 mile south of Todd Lane, in the City of Windsor.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		23	7.3	14	2.4	11	6.3
				28	11.3	25	6.5

UN-NAMED CREEK AT FORESTVILLE

Location: At the culvert on Charlotteville Township Road 1, in the Hamlet of Forestville.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		1	3.7	5	2.3	3	2.3
		14	2.3	19	2.7	16	1.6
						30	1.9

UXBRIDGE BROOK AT UDORA

Location: At the bridge on Ontario County Road 21 in the Hamlet of Udora.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		16	10.7	6	11.9	20	15.9
		24	10.3	16	10.0	27	14.2

WABA CREEK NEAR ARNPRIOR

Location: At the bridge on concession 11, Township of Pakenham, about 4 miles southeast of the Town of Arnprior.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
27	39.9	7	27.5	15	15.8	18	12.5
		24	17.1	23	12.5		

WILLOW CREEK NEAR MINESING

Location: At the bridge on Highway 26 near the Hamlet of Minesing.

1971							
May		June		July		August	
Date	cfs	Date	cfs	Date	cfs	Date	cfs
		9	40.3	13	36.3	17	25.5
		23	38.0	27	40.3		



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